



**Exam Code:** HPE0-V15

**Exam Name:** Delta - Building HPE Hybrid IT Solutions

**Website:** <https://VCEup.com/>

**Team-Support:** <https://VCEplus.io/>



Question No: 1

What does the term composable mean when applied to HPE infrastructure?

- A. pay-per-use consumption models
- B. hardware-defined infrastructure
- C. to provide all-flash like performance, but at a hybrid price point
- D. to simplify and accelerate DevOps and business innovation

Answer: D

Explanation:

Infrastructure that can be provisioned on the fly with software-defined intelligence allows for optimal application performance. Logically pooling resources reduces both underutilization and overprovisioning to create a more agile, cost-effective data center. A unified management interface integrates formerly siloed infrastructure and operations and allows IT to be offered as a service, enabling modern DevOps practices to be adopted by organizations with critical legacy applications that need to remain on premises.

Question No: 2

When configuring a single ProLiant Gen10 server, which embedded tool can be used to deploy a reliable and consistent configuration?

- A. HPE iLO Amplifier Pack
- B. HPE OneView
- C. Smart Update Manager
- D. Intelligent Provisioning

Answer: D

Explanation:

Reference: [https://support.hpe.com/hpesc/public/docDisplay?docId=a00026391en\\_us&docLocale=en\\_US#:~:text=Intelligent%20Provisioning%20is%20a%20single,later%20includes%20HPE%20SMB%20Setup](https://support.hpe.com/hpesc/public/docDisplay?docId=a00026391en_us&docLocale=en_US#:~:text=Intelligent%20Provisioning%20is%20a%20single,later%20includes%20HPE%20SMB%20Setup).

Question No: 3

Read the question, and then refer to the exhibit.

<Switch-A>display int Ten-GigabitEthernet 1/0/1 Ten-GigabitEthernet1/0/1 Current state: UP Line protocol state: UP IP packet frame type: Ethernet II, hardware address: d894-03fb-793d Description:

Ten-GigabitEthernet1/0/1 Interface Bandwidth: 10000000 kbps Loopback is not set Media type is stack wire, port hardware type is STACK SFP\_PLUS 10Gbps-speed mode, full-duplex mode Link speed type is autonegotiation, link duplex type is autonegotiation Flow-control is not enabled Maximum frame length: 10000 Allow jumbo frames to pass Broadcast max-ratio: 100% Multicast max-ratio:

100% Unicast max-ratio: 100% PVID: 1 MDI type: Automdix Port link-type: Trunk VLAN Passing: 10 VLAN permitted: 10 Trunk port encapsulation: IEEE 802.1q Port priority: 0 <SNIP> An administrator connected a hypervisor to interface Ten-Gigabit Ethernet1/0/1 in a switch. The administrator created virtual machines in VLAN 10 and 20 on the hypervisor. These VLANs are configured to be tagged on the hypervisor.

The administrator found that all the virtual machines within VLAN 20 can communicate with each other, but not to any resource on VLAN 20 outside the hypervisor.

What must you do to resolve this issue?

- A. Configure the interface as an access port.
- B. Configure the PVID of the interface to be VLAN 20.
- C. Permit VLAN 20 on the interface.



D. Configure the interface as an IRF port.

Answer: C

Explanation:

Question No: 4

You are reviewing a series of MSA2052 storage designs for a customer's remote locations. Their largest remote site requires the highest possible level of internal data protection with at least 20 TB of storage. Which disk drive design is adequate for this site?

- A. 14 HPE MSA 2 TB drives, configured with RAID1
- B. 8 HPE MSA 2 TB drives, configured with RAID5
- C. 10 HPE MSA 2 TB drives, configured with RAID0
- D. 12 HPE MSA 2 TB drives, configured with RAID6

Answer: D

Explanation:

Reference: <https://h20195.www2.hpe.com/V2/getpdf.aspx/a00008277enw.pdf>

Question No: 5

What is the correct cable type to use when connecting a server to a switch using 10 Gbps Short Range (SR) SFP+ optical connections?

- A. Direct Attach Cable (DAC)
- B. Twin-Ax
- C. Single Mode Fiber
- D. Multi-mode Fiber

Answer: C

Explanation:

Reference: <https://support.hpe.com/hpesc/public/docDisplay?docId=c02705558>

Question No: 6

A customer needs a server memory subsystem that meets the following requirements: approaches the speed of traditional DRAM ensures high capacity, high performance, and ongoing data safety in case of a power failure Which HPE memory feature meets the customer needs?

- A. Load Reduced DIMMs
- B. Memory Mirroring
- C. Fast Fault Tolerance Memory
- D. Persistent Memory

Answer: D

Explanation:

Reference: [https://www.hpe.com/emea\\_europe/en/servers/persistent-memory.html](https://www.hpe.com/emea_europe/en/servers/persistent-memory.html)



Question No: 7

DRAG DROP

Match the speed and protocol with the appropriate component.

Component		Speed and Protocol
SFP+		12 Gb SAS
SFP28		16 Gb FC
Mini-SAS HD x4		25GbE

Answer:

Component		Speed and Protocol
SFP+	Mini-SAS HD x4	12 Gb SAS
SFP28	SFP+	16 Gb FC
Mini-SAS HD x4	SFP28	25GbE



Explanation:

Reference: [https://support.hpe.com/hpesc/public/docDisplay?docLocale=en\\_US&docId=emr\\_naa00035594en\\_us](https://support.hpe.com/hpesc/public/docDisplay?docLocale=en_US&docId=emr_naa00035594en_us)

Question No: 8

Refer to the exhibit.

**A Customer Nimble Storage Array**

Summary: This is a single solution configuration.

Components: BOM Details for A Customer Nimble Storage Array

Layout: [Expand All](#) [Collapse All](#) [Export Excel](#) [CLIC and Power Check](#) [BOM diff](#)

Power:

**BOM**

+/-	Quantity	Product #	Product Description
-	1	Q8H39A	HPE Nimble Storage HF40 Adaptive Dual Controller 10GBASE-T 2-port Configure-to-order Base Array
≡	1	Q8G27B	HPE Nimble Storage NOS Default FIO Software
≡	1	Q8H45A	HPE Nimble Storage HF40/60 Adaptive Array 42 TB (21x2TB) FIO HDD Bundle
≡	1	Q8H50A	HPE Nimble Storage HF40 Adaptive Array R2 2.88TB (6x480GB) FIO Cache Bundle
≡	2	Q8J14A	HPE Nimble Storage C19 to C20 250V 16Amp 1.8m PDU Base Array FIO Power Cord
≡	1	R3P91A	HPE NS AF/HF OEM Trk

Customer Intent:

Services:

Item/Subitem	Severity	Product Number	Rule number	Advice Text
0100/01	Unbuildable	Q8H39A	81125348	<b>Product#: Q8H39A Rule#: 81125348 Item/Subitem: 0100/01</b> <b>UNBUILDABLE CONFIGURATION:OVERRIDE REQUIRES FACTORY APPROVAL</b> When ordering Q8H39A - HPE Nimble Storage HF40 Adaptive Dual Co. minimum and maximum 1 quantity of the following Networking Adapters must be ordered.  Q8B83B FIO HPE NS Embedded 10GBASE-T 2p FIO Adptr Q8B84B FIO HPE Nimble Storage 2x1GbE 2-port FIO Adapter Kit Q8B85B FIO HPE Nimble Storage 4x1GbE 2-port FIO Adapter Kit Q8B86B FIO HPE Nimble Storage 2x10GBASE-T 2-port FIO Adapter Kit Q8B87B FIO HPE Nimble Storage 4x10GBASE-T 2-port FIO Adapter Kit Q8B88B FIO HPE Nimble Storage 4x10GbE 2-port FIO Adapter Kit
0100/01	Unbuildable	Q8H39A	81330046	
0100/01	Warning	Q8H39A	81330047	

**Power Check**

Appliance	Severity	Required Power	Provided Power
There are no products with Power Supply selections availables.			

[Download Advice](#) [Done](#)



You are validating a Nimble HF40 configuration created in OCA, and you receive an error when you run a CLIC check.

Which Nimble component needs to be added to the configuration to complete the solution?

- A. HPE Nimble Storage HF40/60 Adaptive ES3 21TB HDD 1.44 TB Cache CTO Expansion Shelf
- B. HPE Nimble Storage HF40 Adaptive Array R2 2.88 TB FIO Cache Bundle
- C. HPE Nimble Storage Embedded 10GBASE-T 2-port FIO Adapter
- D. HPE Nimble Storage C19 to C20 250V 16 Amp 1.8m PDU Base Array FIO Power Cord

Answer: A

Explanation:

Question No: 9

Which storage array feature records only changes made to the base volume and keeps an earlier state of the original volume?

- A. snapshot
- B. clone
- C. virtual volume
- D. volume mirror

Answer: A

Explanation:

Reference: <https://assets.ext.hpe.com/is/content/hpedam/a00093683enw> (10)

Question No: 10

A local state college is implementing a new VDI cluster to support computer and testing labs. They have the following requirements:

Three VMware ESXi Hosts, each with one AMD processor, 1 TB of RAM, 16 Gbps FC Dual Port HBA.

HPE Nimble AF20 with 17 TB usable capacity.

Integration into an existing HPE FlexFabric 5710 and HPE SN3000B Fibre Channel SAN switches.

The solution must fit in 7U of rack space. If the customer needs more capacity in the future, they will use scale-out growth.

Which server model should you recommend to this client?

A. HPE DL385

B. HPE DL380

C. HPE DL360

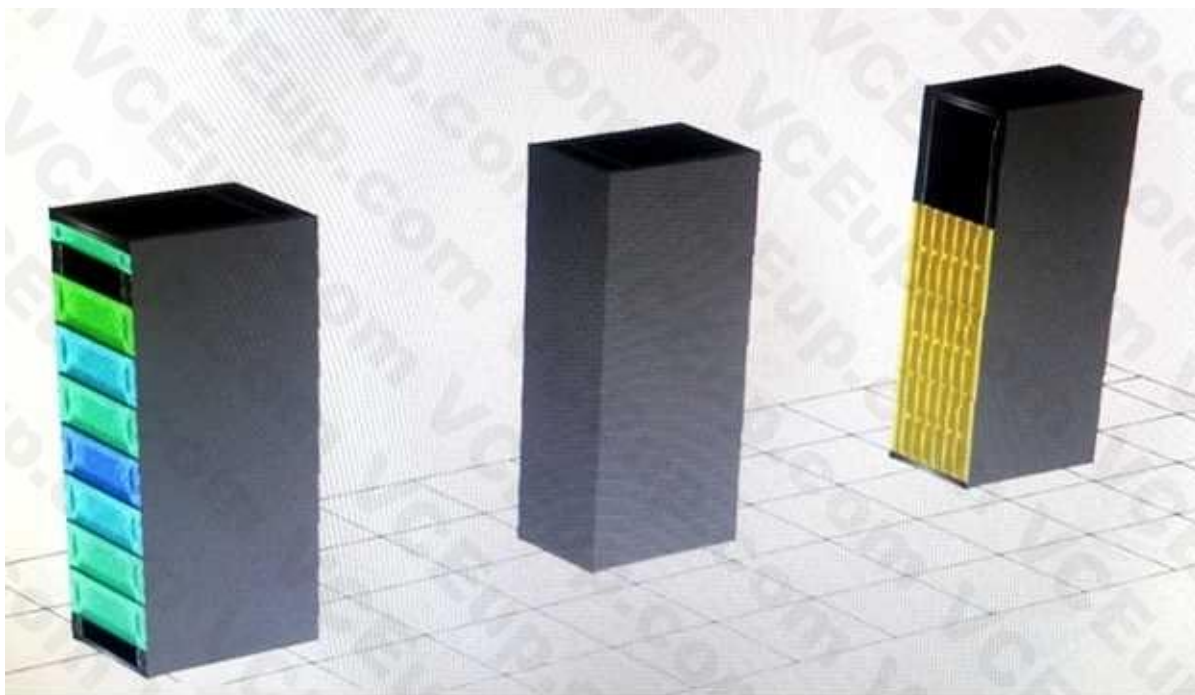
D. HPE DL325

Answer: B

Explanation:

Question No: 11

Refer to the exhibit.



You observed some high temperature alerts on a switch shown in the middle rack of the exhibit. The cooling in the data center is following best practices for the layout in the exhibit. The switch is an HPE 5945 series switch, and all the fans are operating normally. The switch is racked so that its ports face the rear of the rack. The administrator noticed the fan modules have red handles.

What should the administrator do to resolve the issue?

- A. Replace the fan modules with port-to-power fan modules.
- B. Add additional fan modules to the switch.
- C. Replace the fan modules with power-to-port fan modules.
- D. Change the fan direction with the fan preferred direction command.

Answer: D

Explanation:

Question No: 12

A customer needs to update a server's firmware using the latest Support Pack for ProLiant (SPP).

They use a bootable USB flash drive to do so, and they select Interactive Mode on boot. Once the device boots, they are unsure how to proceed and ask for your assistance.

What can you tell them to do to easily update the firmware?

- A. Download a new version of Smart Update Manager.
- B. From Interactive mode, select the "Force Firmware" option.
- C. Reboot the server with the flash drive and leave in default mode.
- D. Run interactive mode from the Operating System instead.

Answer: B

Explanation:

Question No: 13

A customer with a Microsoft server environment wants to consolidate their employee home directories and other company file shares presented from an appliance as a single name space.

Which HPE product should you recommend to the customer?

- A. StoreOnce
- B. StoreEasy
- C. SimpliVity
- D. MSA storage

Answer: B

Explanation:

Reference:

[https://support.hpe.com/hpesc/public/docDisplay?docId=a00076230en\\_us&docLocale=en\\_US](https://support.hpe.com/hpesc/public/docDisplay?docId=a00076230en_us&docLocale=en_US)

Question No: 14





In which protocol are REST API requests transported?

- A. HTTP
- B. CRUD
- C. SOAP
- D. SSH

Answer: A

Explanation:

Reference:

[https://techhub.hpe.com/eginfolib/servers/docs/HPRestfultool/iLo4/data\\_model\\_reference.html](https://techhub.hpe.com/eginfolib/servers/docs/HPRestfultool/iLo4/data_model_reference.html)

Question No: 15

A customer's environment includes virtual machines and containers. They need an on-premises platform that allows them to easily and efficiently deploy cloud-native applications at rack-scale.

Which HPE solution meets the customer requirements?

- A. MPE ProLiant for Microsoft Azure Stack
- B. HPE Synergy with VMware vSAN
- C. HPE Nimble iSCSI
- D. HPE Apollo Server

Answer: C

Explanation:

Reference: <https://assets.ext.hpe.com/is/content/hpedam/a00059749enw>

Question No: 16

A customer needs a solution for a rack of servers. They need connectivity for 14 HPE DL380 servers, which each have two 10-GBASE-T Ethernet ports, and 10 HPE DL360 servers, which have two 10GBASE-X SFP+ Ethernet ports.

They need switch redundancy for each server and want to connect all servers to the same switch stack. The client also needs a 400 Gb backbone connection to the data center core switch from the solution you are creating.

Which architecture meets the customer requirements?

- A. One VSX stack of two Aruba 8320 48-port 1/10GBASE-X SFP+ switches with the following: 14 10GBASE-T transceivers in each switch 10 SFP+ to SFP+ DACs in each switch Two QSFP+ to Quad SFP+ adapters
- B. One IRF stack of two HPE 5945 2-Slot switches each with the following: One 24-Port SFP28 + 2-Port QSFP28 module One 24-Port 1/10GBASE-T + 2-Port QSFP+ module 10 SFP+ to SFP+ DACs in each switch
- C. One IRF stack of two HPE 5945 48-port 1/10GBASE-X SFP+ switches with the following: 14 10GBASE-T transceivers in each switch 10 SFP+ to SFP+ DACs in each switch
- D. One VSX stack of two Aruba 8325 48-port 1/10GBASE-X SFP+ switches with the following: 14 10GBASE-T transceivers in each switch 10 SFP+ to SFP+ DACs in each switch

Answer: C

Explanation:

Question No: 17

A customer needs to move data residing in one class of disks to a more appropriate class of disks based on data access patterns without manual intervention.





Which HPE MSA storage technology/feature will meet the customer requirement?

- A. Wide striping
- B. Automated Tiering
- C. Volume Tier Affinity
- D. SSD read cache

Answer: B

Explanation:

Reference: <https://assets.ext.hpe.com/is/content/hpedam/4aa4-6892enw> (19)

Question No: 18

A customer recently installed a VMware environment with HPE ProLiant, HPE MSA storage, and Aruba switches.

What should you recommend to the customer to manage their support contracts with HPE?

- A. HPE InfoSight
- B. HPE Recovery Manager Central
- C. Service Pack for ProLiant
- D. HPE Insight Online

Answer: D

Explanation:

Question No: 19

DRAG DROP

Match the customer requirement to the appropriate HPE storage solution.

HPE Solution		Requirement
HPE 3PAR Storage		Converged block, file, and object
HPE MSA Storage		Triple-Parity RAID
HPE Nimble Storage		Volume Tier Affinity

Answer:



HPE Solution		Requirement
HPE 3PAR Storage	HPE 3PAR Storage	Converged block, file, and object
HPE MSA Storage	HPE Nimble Storage	Triple-Parity RAID
HPE Nimble Storage	HPE MSA Storage	Volume Tier Affinity

Explanation:

Reference:

<https://h20195.www2.hpe.com/v2/GetPDF.aspx/4AA5-6078ENW.pdf>

<https://assets.ext.hpe.com/is/content/hpedam/a50002410enw>

Question No: 20

A customer needs a low cost block storage array for targeted workloads. The array needs to provide automated tiering, thin provisioning, and snapshot capabilities.

Which HPE storage solution meets the customer requirements?

- A. HPE MSA
- B. HPE D3000
- C. HPE Nimble
- D. HPE StoreEasy

Answer: A

Explanation:

Reference: <https://h20195.www2.hpe.com/v2/getpdf.aspx/A00015961ENW.pdf>

Question No: 21

A customer has a single HPE ProLiant Gen 10 server.

Which embedded management tool should they use to monitor the server?

- A. HPE OneView Standard
- B. HPE Smart Update Manager
- C. NPE Intelligent Provisioning
- D. HPE iLO5

Answer: B

Explanation:

Reference: <https://dustinweb.azureedge.net/media/483889/proliant-dl380-gen10-smb.pdf>



Question No: 22

Which feature in a block storage array eliminates redundant data through the process of using indexes that refer to the original set of data?

- A. deduplication
- B. compression
- C. thin provisioning
- D. thick provisioning

Answer: A

Explanation:

Reference: <https://searchstorage.techtarget.com/definition/data-deduplication>

Question No: 23

DRAG DROP

A customer considers a new HPE ProLiant DL380 Gen10 as a hardware platform for their application and requires maximum physical security.

For each security-related server components, identify whether it needs to be ordered separately, or whether it is included as part of the server solution.

Included with the server

Needs to be ordered separately

Answer Area

Chassis Intrusion detection

Certified TPM 2.0

Silicon Root of Trust

Digitally signed firmware



Answer:

### Answer Area

Needs to be ordered separately	Chassis Intrusion detection
Needs to be ordered separately	Certified TPM 2.0
Included with the server	Silicon Root of Trust
Included with the server	Digitally signed firmware

Explanation:

Question No: 24

A customer needs to integrate a new digital video surveillance solution into their existing environment and available network ports. The solution needs to include redundant hypervisor servers and a redundant SAN with a shared Fibre Channel attached storage array.

You plan to propose the following configuration:

2 HPE DL380 Gen10 servers with dual processors, 384 GB of memory, dual port 10 Gb NIC, and High Performance Fan Kit 1 HPE MSA 2050 Dual Controller Storage Array with 24x 1.8 TB 10 K SAS drives and 96x 7.2K NL drives 4 VMware vSphere Standard licenses 1 VMware vCenter Server Foundation licenses 5 year 24x7x4 support for all equipment What must be added to the configuration to provide a complete solution? (Choose two.)

- A. 2 HPE 10/25 Gb 2-port 622FLR-SFP28 CNA
- B. 2 HPE FlexFabric 5710 switches
- C. 2 Aruba 8320 switches
- D. 2 HPE SN3000B switches
- E. 2 HPE StoreFabric SN1200E 16 Gb Dual Port FC HBAs

Answer: DE

Explanation:

Question No: 25

A customer needs to provide inventory management, health monitoring, status alerting, and reporting for their ProLiant servers.

Which HPE management offering meets the customer's needs?

- A. OneView
- B. Insight Remote Support
- C. InfoSight
- D. Insight Online

Answer: A

Explanation:

Question No: 26

A customer plans to use HPE ProLiant servers for line-of-business applications. They want to configure the servers to increase reliability.

Which workload profile should the customer use?

- A. Virtualization – Max Performance
- B. Transactional Application Processing
- C. I/O Throughput
- D. Mission Critical – trade performance and reliability

Answer: D

Explanation:

Question No: 27

A customer needs to share files cost-effectively among their Microsoft Windows server over a local network.

Which storage solution meets this requirement?

- A. Storage Area Network (SAN)
- B. Network File System (NFS)
- C. Direct Attached Storage (DAS)
- D. Network Attached Storage (NAS)

Answer: D

Explanation:

Question No: 28

You are discussing storage types with a customer that is configuring their NAS solution. The company's application developers use user-generated media and image files.

For which type of data should this customer use file storage?

- A. Mass storage
- B. Microsoft Exchange database
- C. Server boot volumes
- D. VDI applications

Answer: A

Explanation:

Question No: 29



A customer needs to deploy an application on a newly-installed HPE ProLiant server, but they report that the server is not online. They call you for remote support. The IP address on the production network cannot be reached. You are evaluating the probable root causes of this issue.

According to the troubleshooting methodology, what are next two steps? (Select two)

- A. Remote console into the ToR switch to check the server's port configuration.
- B. Log in to iLO to see if the server hardware and NIC are online and configured correctly.
- C. Use OneView to see if the server firmware is up-to-date
- D. Run insight Diagnostics on the Server
- E. Use Microsoft Remote Desktop or VNC to check the server's NIC and IP address configuration

Answer: BD

Explanation:

Question No: 30

Which component of HPE iLO provides continuous monitoring of more than 1600 parameters?

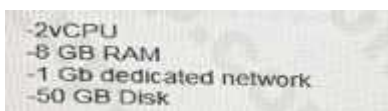
- A. insight Diagnostics
- B. Active Health System
- C. Insight Remote Support
- D. Silicon root of trust

Answer: B

Explanation:

Question No: 31

Exhibit:



Which HPE ProLiant Server meets the customer's requirements?

- ☐ HPE ProLiant DL360 Gen10 with:  
-1 dual 1 GB NIC  
-2 CPU  
-4 10 Gb port NIC  
-2 CNA  
-4 10 Gb FlexLOM
- ☐ HPE ProLiant DL380 Gen10 with:  
-1 dual 1 GB NIC  
-2 CPU  
-4 10 Gb port NIC  
-2 FC HBA  
-4 10 Gb FlexLOM
- ☐ HPE ProLiant DL380 Gen10 with:  
-2 CPU  
-4 10 Gb port NIC  
-1 dual port FC HBA  
-4 10 Gb FlexLOM
- ☐ HPE ProLiant DL360 Gen10 with:  
-1 CPU  
-4 10 Gb ports NIC  
-2 FC HBA  
-4 10 Gb FlexLOM

Which HPE ProLiant Server meets the customer's requirements?

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

Explanation:

Question No: 32

A customer requires an entry-level, all-flash system with predictable performance at the lowest possible price. They have performance-sensitive workloads that require speed and efficiency.

Which HPE storage system needs the customer's requirements?

- A. Nimble CS1000
- B. Nimble SFA
- C. Nimble AF1000
- D. Nimble AF5000

Answer: C

Explanation:

Question No: 33

A customer needs a video archive repository initially starting at 30TB internal storage. The repository is expected to grow at 20% annually and should have a lifespan of 3 years.

Which HPE ProLiant server solution meets the customer's requirements?

- A. HPE ProLiant DL560 Gen10 with LFF SAS drives
- B. HPE ProLiant DL380 Gen10 with LFF SAS drives
- C. HPE ProLiant ML110 with SFF SAS drives
- D. HPE ProLiant DL560 Gen9 with SFF SAS drives

Answer: B

Explanation:

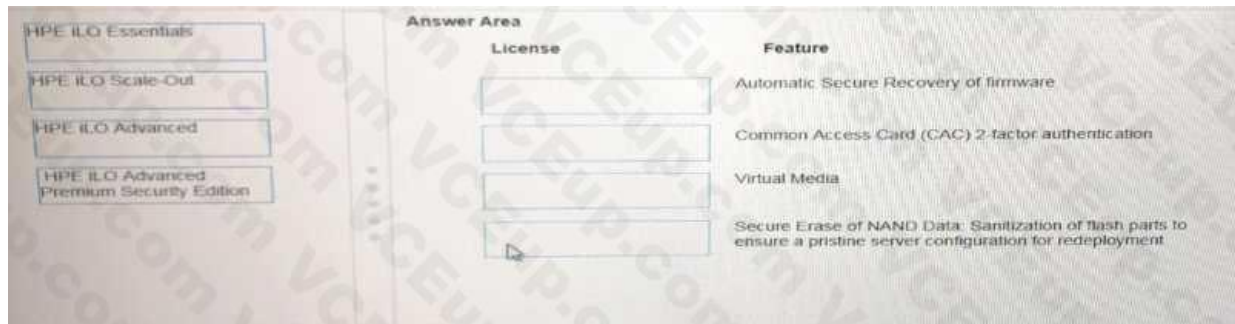
Question No: 34

DRAG DROP

Match the feature to the lowest iLO5 license in which it is available







Answer:

Explanation:

Last - last

3-2

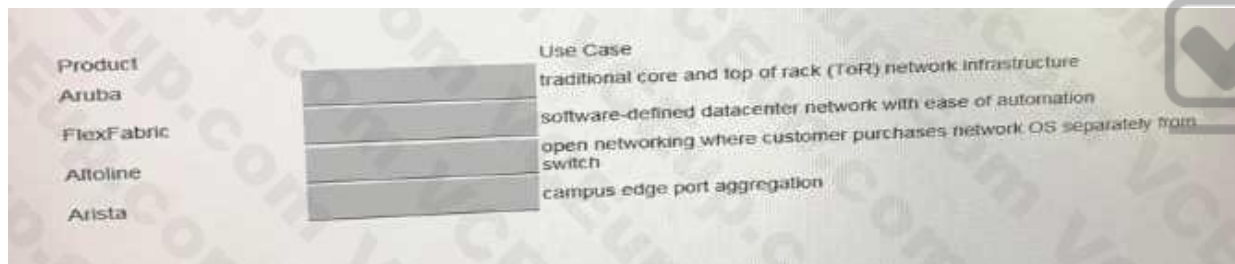
1-1

3-3

Question No: 35

DRAG DROP

Match the Networking Product Family to the appropriate use case:



Answer:



Explanation:

Question No: 36

You need to change BIOS configuration settings without rebooting a server.

Which system utility should you use?

A. Intelligent Management Center

B. Lights-Out Online Configuration utility

- C. intelligent Provisioning
- D. smart Storage Administrator

Answer: C

Explanation:

Question No: 37

A customer has a small business office and is concerned that the local storage in their current ProLiant Gen 10 server with a Linux OS is reaching maximum capacity. Which solution should you recommend to expand the customer's data storage capacity?

- A. StoreEver
- B. StoreOnce
- C. SimpliVity
- D. D3000

Answer: D

Explanation:

Question No: 38

Which HPE MSA storage feature enables tuning the tier-migration algorithm for a virtual volume when creating or modifying the volume?

- A. Automated Tiered Storage
- B. Volume Tier Affinity
- C. Wide Striping
- D. HDD drive geometry

Answer: A

Explanation:

Question No: 39

A solution integrator is installing new data center components including an HPE G2 Advanced Rack with two Standard Series G2 PDUs. A customer observing the installation process questions whether there will be sufficient power for additional equipment that may be added in the future.

How should the solution integrator respond?

- A. HPE G2 Advanced racks allow additional PDUs to be added if additional equipment requires more outlets or more available power.
- B. HPE Standard Series G2 PDUs allow additional inlet power cords to support additional equipment in the future.
- C. HPE PDUs support elevated temperatures up to 75°C (167°F), in case the additional equipment power draw results in increased heat generation.
- D. Two HPE Standard G2 PDUs will support 42U of racked equipment, so any equipment added in the future will be accommodated by the current PDU configuration.

Answer: D

Explanation:

Question No: 40



A small, expanding law firm wants to replace its single Windows server. The server will be kept in their library without a rack. They want a server that allows for internal storage growth and is capable of adding PCI adapters.

Which HPE server model type should you recommend?

- A. HPE BL
- B. HPE XL
- C. HPE DL
- D. HPE ML

Answer: D

Explanation:

Question No: 41

A customer has a single ProLiant DL560 Gen 10 running a virtualization system. They want to validate installed firmware components at the hardware level.

Which built-in management tool should they use to complete this task?

- A. HPE OneView Advanced
- B. ILO 5 Advanced
- C. UEFI
- D. HPE intelligent Provisioning

Answer: B

Explanation:

Question No: 42

HOTSPOT

You are configuring an MSA 2052 for one of your customers in OCA.

Click on either one of the two places on the Bill of Materials screen that will enable you to verify the configuration and get details on any errors.



Advanced **One Config** New Configuration Open Configurations Manage MyLibrary Import Useful Links

Save Export Catalog New Delegation

A Customer MSA 2052

This is a single solution configuration.

BOM Details for A Customer MSA 2052

Expand All Collapse All

+/-	Quantity	Product #	Product Description
	1	Q1J03A	HPE MSA 2052 SAN Du
	22	J9F49A	HPE MSA 1.8TB 12G SA
	22	J9F49A OD1	Factory Integrated
	3	Q1J06A	HPE MSA 2050 LFF Dis
	3	Q1J06A OD1	Factory Integrated
	36	M0S90A	HPE MSA 8TB 12G SAS
	36	M0S90A OD1	Factory Integrated

Answer:

Advanced **One Config** New Configuration Open Configurations Manage MyLibrary Import Useful Links

Save Export Catalog New Delegation

A Customer MSA 2052

This is a single solution configuration.

BOM Details for A Customer MSA 2052

Expand All Collapse All

+/-	Quantity	Product #	Product Description
	1	Q1J03A	HPE MSA 2052 SAN Du
	22	J9F49A	HPE MSA 1.8TB 12G SA
	22	J9F49A OD1	Factory Integrated
	3	Q1J06A	HPE MSA 2050 LFF Dis
	3	Q1J06A OD1	Factory Integrated
	36	M0S90A	HPE MSA 8TB 12G SAS
	36	M0S90A OD1	Factory Integrated

Explanation:

Question No: 43

Which web service uses basic CRUD operations performed on resources using HTTP Post, Get, Put, Delete, and Patch?

- A. cURL
- B. REST
- C. CORBA
- D. SOAP

Answer: B

Explanation:

Question No: 44

An administrator deployed a new FlexFabric switch into the environment and wants to collect baseline information from the switch. The administrator wants to be able to use this in case there is any question from support should the administrator open a case.

Which command can the administrator use to collect support information from the switch?

- A. support save
- B. show switch info
- C. display diagnostic-information
- D. show tech all

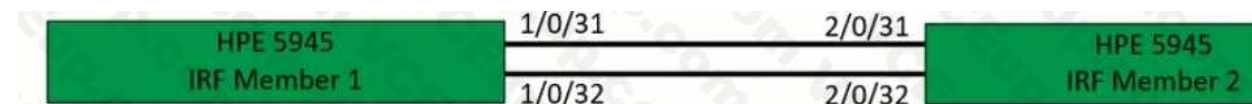
Answer: C

Explanation:

<https://support.hpe.com/hpesc/public/docDisplay?docId=c04406895>

Question No: 45

Refer to the exhibit.



You are configuring a pair of HPE 5945 switches into an IRF stack. You have cabled the switches as depicted in the exhibit. Into which IRF ports should you place each switch interface?

A)

IRF Port1/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 2/0/32  
IRF Port2/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 2/0/32

B)

IRF Port1/1 -interface Ten-GigabitEthernet 2/0/31 -interface Ten-GigabitEthernet 2/0/32  
IRF Port2/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 1/0/32

C)



IRF Port1/1 -interface Ten-GigabitEthernet 1/0/32 -interface Ten-GigabitEthernet 2/0/31  
IRF Port2/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 2/0/32

D)

IRF Port1/1 -interface Ten-GigabitEthernet 1/0/31 -interface Ten-GigabitEthernet 1/0/32  
IRF Port2/1 -interface Ten-GigabitEthernet 2/0/31 -interface Ten-GigabitEthernet 2/0/32

A. Option A

B. Option B

C. Option C

D. Option D

Answer: A

Explanation:

Question No: 46

DRAG DROP

Match each ProLiant solution to its ideal use case

ProLiant Solution	Use Case
HPE ProLiant MicroServer Gen10	Dense, racked, multi-server deployments; scales up to handle enterprise workloads
HPE ProLiant ML30 Gen10 Server	Non-racked environments; able to scale large enough to handle enterprise workloads
HPE ProLiant ML350 Gen10 Server	Non-racked environments; limited scale and expandability; single processor; dual power supply
HPE ProLiant DL380 Gen10 Server	Small form factor; optimized for small or home office; quiet operational noise level; low cost

Answer:

Explanation:

4 , 3 , 2 , 1

Question No: 47

You configured a port on an HPE FiexFabric 5900 series switch that is connected to a VMware ESXi server to support multiple VLANs interface Ten-GigabitEthernet 1/0/11 description server ESXiOl-ethl port link-type trunk port trunk permit vlan 50 port trunk permit vlan 2 port trunk pvid vlan 50 Given the configuration above, what should happen to any untagged traffic coming from the VMware ESXI host?

A. It will be transmitted in vlan 1.

B. It will be dropped

C. It will be transmitted in vlan 2

D. It will be transmitted in vlan 50.

Answer: B

Explanation:

Question No: 48

A customer is moving a server from a co-location facility back into their existing data center to comply with new internal policies on data management. Due to budget constraints, the customer cannot purchase any additional switches and will need to use an existing end-of-row design with HPE FlexFabric switches. While the server will be installed six racks away from the switches, the total cable run with cable management is expected to be 35 m.

Which component should be selected when designing the 10 Gbps connectivity option for the server?

- A. QSFP28 Active Optical Cable
- B. SFP+ 10G LC SR Transceiver
- C. SFP+ Active Optical Cable
- D. SFP+ Direct Attach Copper Cable
- E. QSFP+ Active Optical Cable

Answer: A

Explanation:

Question No: 49

Refer to the exhibits.





HPE MSA 2052 SAN Storage	
<b>Array</b>	
Access Type	Block
Form Factor	2U, SFF or LFF
Number of controllers per array	2
Number of host ports per array	8
FC host connectivity	8/16Gb
iSCSI host connectivity	1Gb or 10Gb
SAS host connectivity	6/12Gb
<b>Cache, per array</b>	
Max Read cache per array	8TB
Data (read/write) cache + system memory per array	16GB
Pool Capacity (with Large Pool Support)	562 TB (512 TiB)
RAID Levels supported: Virtual mode	RAID 0, 1, 5, 6, 10* <i>Read Cache Only</i>
<b>Enclosures</b>	
Expansion Drive Enclosures	0-7 enclosures
LFF/SFF array/enclosure mixing	Supported
Maximum number of drives per array enclosure	24 SFF/12 LFF
Maximum number of drives per drive enclosure	24 SFF/12 LFF
Drive enclosure interface type	6Gb SAS
<b>Drives</b>	
Maximum total HDDs per array	192 SFF / 96 LFF
Maximum total SSDs per array	192 SFF / 96 LFF
Max raw capacity per array enclosure	76.8 TB SFF / 168TB LFF
Max raw capacity per drive enclosure	76.8 TB SFF / 168TB LFF
Max raw capacity per array	614.4TB SFF / 1344TB LFF
Integrated SSDs	2x800GB Mixed Use SSDs

HPE Modular Smart Array 2050/5...	HPE MSA 2052 SAN Dual Controller SFF Storage	1
Q1J03A		
Disk Enclosure. #1	HPE MSA 2050 SFF Disk Enclosure	3
Q1J07A		
Disk Enclosure. #2	HPE MSA 2050 LFF Disk Enclosure	3
Q1J06A		



A customer is growing rapidly, and they need to add as many drives as possible to their MSA 2052 array. You created the original configuration. How many drives can be added to the customer array?

(Select two)

- A. 48 SFF drives
- B. 24 LFF drives
- C. 12 SFF drives
- D. 12 LFF drives
- E. 24 SFF drives

Answer: CE

Explanation:

Question No: 50

A customer needs to consolidate software, hardware, and backup in a single integrated solution to reduce the cost and complexity of their IT environment Which solution meets the customer needs?

- A. HPE StoreEasy
- B. HPE StoreOnce
- C. HPE Apollo Server
- D. HPE SimpliVity

Answer: D

Explanation:

Question No: 51

Which network protocol is used to build a loop-free logical topology for Ethernet networks?

- A. SCSP
- B. ECP
- C. VLAN
- D. STP

Answer: D

Explanation:

Question No: 52

A customer is subject to regulatory requirements and their data is highly sensitive.

Which HPE Smart Array feature addresses their need for an level of security for data stored inside their server?

- A. Secure Encryption
- B. SmartCache
- C. Smart Battery backed-up write-cache
- D. Rapid Parity Initialization

Answer: A

Explanation:

Question No: 53

Why is SNMPv2c considered to be insecure?

- A. SNMPv2c agents only accept GET requests which match their read-only community string
- B. SNMPv2c community strings are transmitted in clear text
- C. SNMPv2c only allows the signing of the message payload
- D. SNMPv2c agents only encrypt WRITE messages.



Answer: B

Explanation:

Question No: 54

A customer is implementing a redundant AD servers to support then lab environment .They have the following requirements

- four rack servers, each with 2 CPUs from AMD. at least 256GB of RAM. FC Dual Port hba
- HPE Nimble AF20 with 17TB useable capacity
- integration into their existing HEP FlexFabric 57io and HPE SN3000B Fibre Channel SAN switches. it the customer needs more capacity in the future, they will use scale-out growth Which server model should you recommend to this client?

A. ProLiant DL SGOGen10

B. ProLiant DL 360 Gen 10

C. Proliant DL 385 Gen10

D. ProLiant DL 325 Gen10

Answer: D

Explanation:

Question No: 55

HOTSPOT

A solution Integrator is installing new equipment to the rack Click the recommended location area for R3000 Gen5 UPS.





Answer:





Explanation:

Question No: 56

A client needs a data center network for a highly-virtualized server environment. They have the following requirements

- 25 Gb connectivity from the servers to the top-of-rack switches
- support for iSCSI storage
- lowest possible latency between their VM farms, which are contained in separate cabinets and connected to different top-of-rack switches within the data center
- support for Python script interpretation and open APIs

Which networking product line and architecture should you recommend?

- A. ArubaOS-Swrtch configured in a spine/leaf architecture with 5406R switches at the spine and 2930M leaf switches
- B. ArubaOS-CX configured in a spine/leaf architecture with 8325 switches at the spine and 8320 leaf switches utilizing VSX between cabinets
- C. ArubaOS-CX configured in spine/leaf architecture with 8325 switches at the spine and leaf
- D. HPE FlexFabric configured in a traditional two-tier architecture with 5950 switches at the core and 5940 access switches configured using IRF stacks per cabinet

Answer: A

Explanation:

Question No: 57

When should you choose to populate a server with LRDIMMs?

- A. when error correction is the most important factor

- B. when price is the most important factor
- C. when memory capacity is the most important factor
- D. when memory speed is the most important factor

Answer: D

Explanation:

Question No: 58

Where would a customer go to run the SSD wear Gauge report on an HPE ProLiant server?

- A. OneView Standard
- B. UEFI System Bios
- C. insight Diagnostics
- D. Smart Storage Administrator

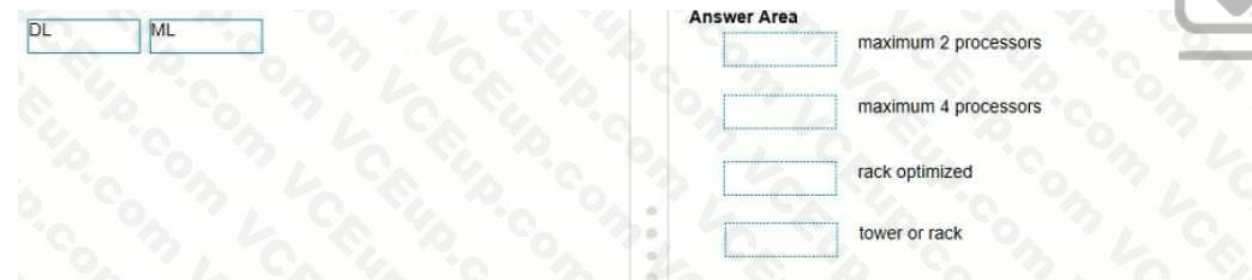
Answer: D

Explanation:

Question No: 59

DRAG DROP

Match the characteristic to the correct HPE ProLiant family.



Answer:

Explanation:

ML,DL,DL,ML

Question No: 60

A customer with limited IT administration resources needs a complete HPE server, storage, and networking solution. The solution must be able to be deployed in an hour or less through a simple, wizard-based setup. They want to manage the HPE solution through a simple, integrated plug-in to vCenter, since their IT staff members are already familiar with vCenter.

Which HPE solution best meets the customer requirements?

- A. HPE ConvergedSystem 750
- B. HPE Proliant for Microsoft Azure Stack
- C. HPE Nimble Storage dHCI

D. HPE OneView for VMware vCenter

Answer: A

Explanation:

[https://support.hpe.com/hpesc/public/docDisplay?docId=a00105348en\\_us&docLocale=en\\_US](https://support.hpe.com/hpesc/public/docDisplay?docId=a00105348en_us&docLocale=en_US)

Question No: 61

For which virtualization management products does HPE OneView offer integration plug-ins?

(Select two.)

A. Nutanix Prism infrastructure Manager

B. Red Hat Enterprise Virtualization Manager

C. Microsoft System Center

D. VMware vCenter

E. Citrix XenCenter

Answer: C, D

Explanation:

Question No: 62

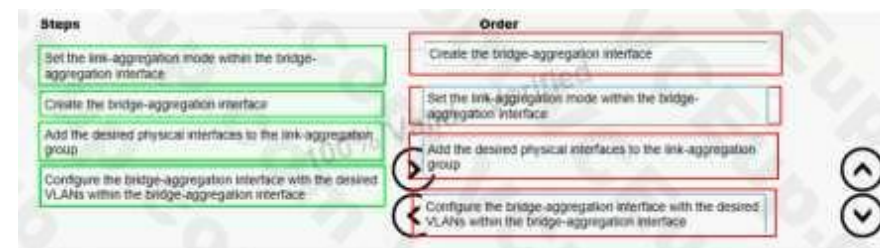
DRAG DROP

You need to create a dynamic bridge-aggregation group on a FlexFabric switch to ensure the ports are automatically configured with the applicable bridge-aggregation interface configuration. Drag the steps on the left into their appropriate order in the answer area on the right.



Steps	Order
Set the link-aggregation mode within the bridge-aggregation interface	
Create the bridge-aggregation interface	
Add the desired physical interfaces to the link-aggregation group	
Configure the bridge-aggregation interface with the desired VLANs within the bridge-aggregation interface	

Answer:



Steps	Order
Set the link-aggregation mode within the bridge-aggregation interface	Create the bridge-aggregation interface
Create the bridge-aggregation interface	Set the link-aggregation mode within the bridge-aggregation interface
Add the desired physical interfaces to the link-aggregation group	Add the desired physical interfaces to the link-aggregation group
Configure the bridge-aggregation interface with the desired VLANs within the bridge-aggregation interface	Configure the bridge-aggregation interface with the desired VLANs within the bridge-aggregation interface

Explanation:

Question No: 63



A customer is experiencing read cache hit ratios well below 80 percent on an HPE Nimble HF40 array. Data is constantly being ejected from the Nimble array's First In First Out cache. What should you recommend?

- A. Upgrade the SSD bundle to add more capacity.
- B. Enable InfoSight's AI-based cache optimization setting.
- C. Turn off deduplication on affected volumes.
- D. Turn on deduplication on affected volumes.

Answer: C

Explanation:

Question No: 64

What is a benefit of a NAS device?

- A. SAS connectivity to hosts
- B. dedicated file services
- C. iSCSI Protocol services
- D. shared Block Level access

Answer: B

Explanation:

Question No: 65

You are installing a DL385 GEN10 LFF server at a customer site. The customer has a P8i6i-a RAID controller in the host. After installing the provided 8 LFF disks in the front drive bays, you realize that the order also included two more SFF drives for the OS to boot from, but there are no SFF drive slots in the server, because it shipped from the factory.

Which action must be performed to finish the installation?

- A. Order the optional Premium 6 SAS/SATA+2 NVMe cage to house the two SFF drives.
- B. Install the two SFF drives in the two included SFF slots in the universal Media Bay.
- C. Give the two SFF drives to the customer to keep on-site in case of future drive failure.
- D. Order the optional 2-SFF rear drive box to house the two SFF drives.

Answer: D

Explanation:

Question No: 66

A customer requires a management solution that will provide email notifications if hardware errors occur on their servers. Which management solution provides this functionality?

- A. Embedded UEFI diagnostics
- B. HPE Intelligent Provisioning
- C. HPE Oneview
- D. iLO Standard Edition

Answer: D

Explanation:

Question No: 67

A customer Has a data center with third-party routers and firewalls You are designing a new data center network switch architecture consisting of FlexFabric switching for the data network and ArubaOS-Switch switching for the out-of-band management network.

The customer needs a network management platform with the capabilities to manage and monitor the entire environment Which management platform meets the customer requirements?

- A. Aruba Central
- B. HPE OneView
- C. HPE IMC
- D. Aruba Airwave

Answer: C

Explanation:

Question No: 68

A system administrator is performing the BIOS/Platform configuration of a DL380 Gen10 servers You notice the amber health LED.

The health status of which solution components can be verified with embedded UEFI Diagnostics?

{Select two.}

- A. Primera node
- B. iLONAND
- C. FC HBA
- D. Processor
- E. Power Supplies

Answer: BD

Explanation:

Question No: 69

A customer requires five HPE ProLiant servers that will be mounted in a rack and shipped from site to site All servers must be online within an hour of site arrival Which feature will ensure that the servers will be available to the business if travel motion has damaged a DIMM?

- A. HPE Fast Fault Tolerance Memory protection
- B. Triple+ Parity RAID protection
- C. Flash Back Write Cache battery protection
- D. HPE Active Health System integration

Answer: A

Explanation:



Question No: 70

An administrator has two switches connected with a single link. The administrator observes that, during hours of peak activity, the storage traffic tends to consume the link. The link is shared with other types of traffic that is time sensitive.

What technology can the administrator use to help alleviate the situation while they are working towards a long-term solution?

- A. Open Shortest Path First (OSPF)
- B. Priority-based Flow Control (PFC)
- C. RDMA over Converged Ethernet (RoCE)
- D. Multi Active Discriminator (MAD)

Answer: C

Explanation:

Question No: 71

DRAG DROP

Refer to the exhibit.

Drag the correct protocols from the left to the appropriate area on the topology on the right.



Answer:



Explanation:

Question No: 72

A customer needs to add storage capacity to a host In a remote branch office. They have limited IT resources, so the solution requires ease of integration at a low price point Which HPE Storage family best meets these needs?

- A. HPE D3000 Enclosure
- B. HPE 3PAR StoreServ
- C. HPE MSA Storage Array
- D. HPE Nimble Storage

Answer: C

Explanation:

Question No: 73

What is the process or writing data to two locations within a single array in real time?

- A. replication
- B. business continuity
- C. data mirroring
- D. clustering

Answer: C

Explanation:

Question No: 74

A customer purchased a Nimble HF20 a year ago They are experiencing an issue with a few of their VMware servers in the RTP Nimble date center and asked that you make a recommendation based on the data in infoSight.



4.9% (1.8)

What should you recommend'?

- A. Add cache to the array for the RTP Nimble Datacenter.
- B. increase the cache size for VMware-DS-Space-NoDeDup
- C. increase the datastore size for VMware-DS-Space-NoDeDup.
- D. Add another datastore for the RTP Nimble Datacenter

Answer: D

Explanation:

Question No: 75

Which feature in a block storage array is effective in decreasing the size of blocks?

- A. thin provisioning
- B. thick provisioning
- C. compression
- D. deduplication

Answer: C

Explanation:

Question No: 76

A customer requests a quote for an HPE storage solution that meets these requirements

- fully redundant dual-controller storage array with no single points of failure
- 1 Gb or 10 Gb iSCSI connectivity
- at least four host-facing iSCSI ports
- capable of expanding usable capacity in small increments of one-to-two disks Which HPE storage solution should be proposed?

A. D3000

B. MSA 1050

C. Nimble AF20Q

D. Nimble HF20

Answer: B

Explanation:

Question No: 77

A customer is facing high and unpredictable latency on an HPE ProLiant DL380 Gen10 server equipped with P408i-a controller Which tool can display an Array Diagnostic Report?

A. Smart Storage Administrator

B. HPE OneView

C. UEFI Embedded Diagnostics

D. HPE InfoSight

Answer: A

Explanation:

Question No: 78

Which HPE ProLiant server should you recommend for a home office environment where the server will be located in the same office as the user?

A. HPE ML110

B. HPE DL20

C. HPE MicroServer

D. HPEXL170r

Answer: A

Explanation:

Question No: 79

What is used to identify a storage HBA port in a Fibre Channel SAN fabric?

- A. WWN
- B. MAC Address
- C. SCSI ID
- D. ION

Answer: A

Explanation:

Question No: 80

A customer wants to optimize the performance of its storage array by moving data residing in one class of disks to a more appropriate class of disks based on data access patterns without manual intervention.

Which HPE storage technology/feature will meet the customer requirement when the data is stored on an HPE Primera storage?

- A. Nothing needs to be done since this is part of the OS
- B. Activate SSD read cache on volume level
- C. This is not supported
- D. Enable Automated Tiering on the Storage Pool level

Answer: C

Explanation:

<https://experistg.com/wp-content/uploads/2019/12/HPE-Primera-Technical-Whitepaper.pdf>

